AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 14, line 5 as follows:

TiO_2 carrying Cr_2O_3 and BaO was used as the combinedly used COS conversion catalyst that has both functions of O_2 removal catalyst and COS conversion catalyst. As the result, the COS concentration on the COS conversion catalyst outlet side was 15 ppm, and the COS conversion rate was 0.951.

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Please amend the paragraph beginning on page 15, line 1 as follows:

Table 1 Results of experiment

	Item		Unit	Example 1	Example 2	Example 3	Comparative example	Example 4
Inlet gas condition	H_2		Vol-	12.6				
	H_2O		Vol-	3.1				
	CO		Vol-	28.4				
	CO_2		Vol-	4.2				
	N_2		—	Balance				
	H_2S		Ppm-	567				
	COS		Ppm-	307				
	O_2		Ppm-	145				240
	Temperature		°C	300				200～400
	Pressure		Mpa	2.29				
Catalyst condition	O_2 removal catalyst	Kind	—	5.5wt% Cr_2O_3/ TiO_2	10wt%NiO/TiO_2	~~5.5wt% Cr_2O_3/ TiO_2~~ 5.5wt% Cr_2O_3/ BaO - TiO_2	None	5.5wt% Cr_2O_3/ TiO_2
		SV	1/h	11320		4528	—	30000
	COS conversion catalyst	Kind	—	4wt%BaO/TiO_2		(O_2 removal catalyst was combined ly, used)	4wt%BaO/TiO_2	None
		SV	1/h	7547			4528	—
	Sum of catalysts	SV	1/h	4528				30000
Outlet gas component	H_2S		ppm-v	862	860	859	764	—
	COS		ppm-v	12	14	15	110	—

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Performance	COS conversion rate*	—	0.961	0.954	0.951	0.642	—

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